SIMPLIFYING ACCESS TO VMWARE VSAN WITH TRUERACK®

Build a Private Cloud for a VMware-based Software Defined Data Center

ECONOMICAL

TrueRack delivers a 70% lower Total Cost of Ownership (TCO) than Amazon Web Services (AWS) and other public cloud providers, resulting in a very economical price per VM.
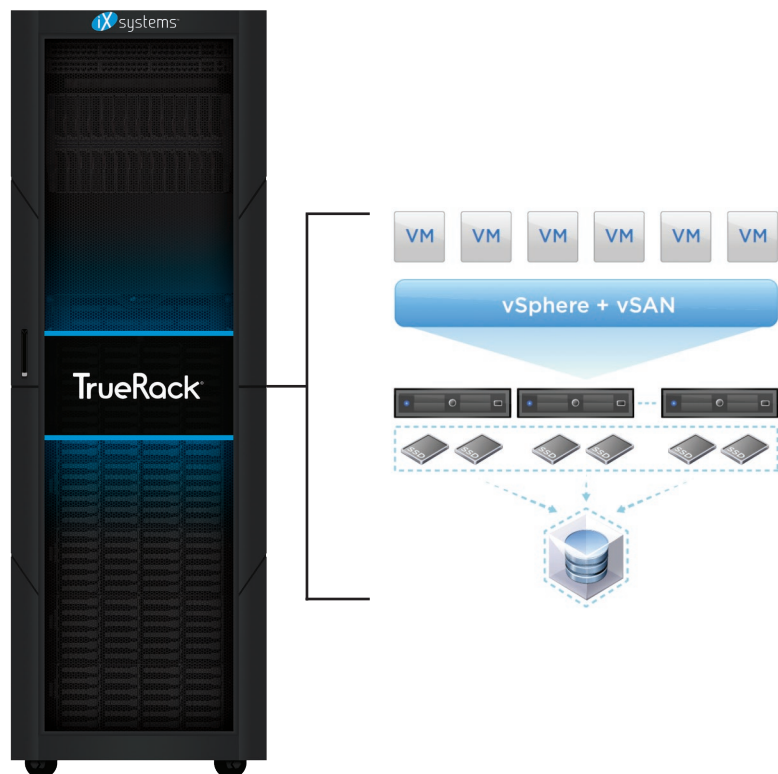
READY TO DEPLOY

TrueRack VSAN hardware consists of a single- or multi-node system built from the Intel® Xeon® Scalable Processor Family and preconfigured for use with VSAN. Deploy your VMs in hours instead of days by rolling in a TrueRack.

SCALES WITH YOUR ENVIRONMENT

As your environment grows, the TrueRack-based private cloud scales to support higher workloads. Start with a few VMs and grow your configuration to support thousands of VMs in one TrueRack.

A PRIVATE CLOUD-BASED VSAN SOLUTION FOR DATA CENTERS, HOSTING FACILITIES, REMOTE OFFICES, AND ENTERPRISES OF ALL SIZES.

Build a VMware VSAN configuration using a TrueRack-based private cloud and quickly and easily deploy virtual machines (VMs) to support hyperscale business-critical applications.

BENEFITS

- **Repeatable:** Easy configuration and planning.
- **Ready to deploy:** Built according to VMware's Virtual SAN Hardware Quick Reference Guide.
- **Economical:** Pre-built configurations and award-winning white-glove support from iXsystems lower TCO.
- **Efficient:** Scales to 4,200 VMs with 400 IOPS per VM. Multi-rack configurations are available.
- **Flexible:** A rack-scale TrueRack-based private cloud makes it simple to deploy thousands of VMs.
- **Proven:** Jointly certified by Intel® and VMware.

Each profile provides a different price/performance focus suited to the use case requirements.

HYBRID TRUERACK VSAN CONFIGURATIONS
(Hard drives for capacity, SSDs for cache)*

TrueRack HY-2: Up to 20 VMs and 4K IOPS per node
- 2U 4 node Intel® server
- 2TB RAW storage capacity
- Intel® Xeon® Gold
- 32GB memory

TrueRack HY-4: Up to 30 VMs and 10K IOPS per node
- 2U 4 node Intel® server
- 4TB RAW storage capacity
- Intel® Xeon® Gold
- 128GB memory

TrueRack HY-6: Up to 50 VMs and 20K IOPS per node
- 2U 4 node Intel® server
- 8TB RAW storage capacity
- Intel® Xeon® Platinum
- 256GB memory

TrueRack HY-8: Up to 100 VMs and 40K IOPS per node
- 2U 1 node Intel® server
- 12TB RAW storage capacity
- Intel® Xeon® Platinum
- 384GB memory

TRUERACK VSAN ALL-FLASH CONFIGURATIONS
(SATA SSDs for capacity, NVMe SSDs for cache)*

TrueRack AF-6: Up to 60 VMs and 50K IOPS per node
- 2U 1 node Intel® server
- 8TB RAW storage capacity
- Intel® Xeon® Platinum
- 256GB memory

TrueRack AF-8: Up to 120 VMs and 80K IOPS per node
- 2U 1 node Intel® server
- 12TB RAW storage capacity
- Intel® Xeon® Platinum
- 384GB memory

*Average VM instance size: 2 vCPU, 6GB vRAM, 2x60GB vmdk. IOPS assumptions: 70% Read, 30% Write 4K block size for server-class VMs, 30% Read, 70% Write for VDI-VMs using TrueRack HY-8 and TrueRack AF-8. Does not include VMware ESXi/VSAN. TrueRack is a registered trademark of iXsystems, Inc. All rights reserved.

TrueRack® **iX** systems™